



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ :C07D 307/81, 307/82, 307/84, 307/85,
C07F 7/10, C07D 407/12, A61K 31/34,
A61P 3/04

A1

(11) International Publication Number:

WO 00/44737

(43) International Publication Date:

3 August 2000 (03.08.00)

(21) International Application Number: PCT/US00/01342

(22) International Filing Date: 19 January 2000 (19.01.00)

(30) Priority Data:

60/117,385

27 January 1999 (27.01.99)

US

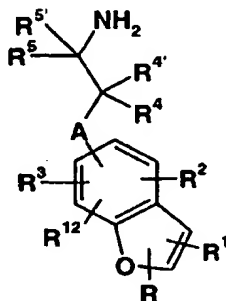
(71) Applicant (for all designated States except US): ELI LILLY
AND COMPANY [US/US]; Lilly Corporate Center, Indi-
anapolis, IN 46285 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BRINER, Karin [CH/US];
7649 Pinesprings East Drive, Indianapolis, IN 46256 (US).
BURKHART, Joseph, Paul [US/US]; 701 Andrews Boule-
vard, Plainfield, IN 46168 (US). BURKHOLDER, Timothy,
Paul [US/US]; 13904 Springmill Ponds Circle, Carmel, IN
46032 (US). FISHER, Matthew, Joseph [US/US]; 10650
Quail Ridge Court, Mooresville, IN 46158 (US). GRIT-
TON, William, Harlan [US/US]; 6739 Dorchester Drive,
Zionsville, IN 46077 (US). KOHLMAN, Daniel, Timothy
[US/US]; 6281 East Old Otto Court, Camby, IN 46113 (US).
LIANG, Sidney, Xi [CN/US]; 8430 Harrison Parkway, Fish-
ers, IN 46038 (US). MILLER, Shawn, Christopher [US/US];
7359 Hardin Oak Drive, Noblesville, IN 46060 (US). MUL-LANEY, Jeffrey, Thomas [US/US]; 6153 Welker Drive,
Indianapolis, IN 46236 (US). XU, Yao-Chang [CA/US];
10815 Timber Springs Drive East, Fishers, IN 46038 (US).
XU, Yanping [CN/US]; 13832 Barnett Place, Fishers, IN
46038 (US).(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE,
ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE,
LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT,
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,
MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the
claims and to be republished in the event of the receipt of
amendments.(54) Title: AMINOALKYLBENZOFURANS AS SEROTONIN (5-HT_{2C}) AGONISTS

(I)

(57) Abstract

The present invention provides serotonergic aminoalkylbenzofurans of Formula (I): where R, R¹, R², R³, R⁴, R^{4'}, R⁵, R^{5'}, and R¹² are as described in the specification.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Turkmenistan
BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's	NZ	New Zealand		
CM	Cameroon		Republic of Korea	PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		